

丽盲蝽属一新种

(半翅目: 盲蝽科)

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本文记述产于甘肃的丽盲蝽属 *Lygocoris* Reuter 新丽盲蝽亚属 (subg. *Neolygus*) 一新种^[1~3]。模式标本保存在南开大学生物系。文中量度单位为 mm。

宽顶新丽盲蝽 *Lygocoris* (*Neolygus*) *lativerticis* Lu, 新种

体长卵形, 绿至黄绿, 具光泽; 体背密被金黄柔毛。头垂直, 黄绿至黄褐, 具直立稀疏毛。头顶相对宽, 头顶与头宽比雄虫为 0.34, 雌虫为 0.38; 具浅的中纵沟; 中叶端部 1/4~1/3 深褐色。触角第一节及第二节基部 3/5~5/6 黄褐, 其余深褐。喙黄褐色, 第四节端部 1/3~1/2 深褐, 伸达 (有时超过) 后足基节末端。前胸背板暗绿色, 胫及其前部以及领的颜色略浅。小盾片浅绿至浓绿色, 具横皱。革片绿色, 端部内角具一褐色斑, 雄虫斑稍大, 雌虫斑较小, 有时消失。爪片绿色。楔片黄绿色, 长为基部宽的 2.5 倍。膜片浅灰至烟褐色, 翅室内外各有一深色斑。体腹面及足绿色至黄绿色; 后足腿节近端部具两个模糊的暗色环, 有时消失; 胫节近端部及第一、二跗节黄褐色, 第三跗节黑褐色; 胫刺浅褐色, 其基部小突起深褐色。

雄性生殖器 (图 1~4): 左抱器感觉叶端部凸出明显, 右抱器感觉叶略凸出; 顶突狭三角形, 与抱器体近于垂直; 抱器体粗壮。阳茎端针突相对较短, 轻度弯曲; 叶状骨片长, 向端渐粗大, 指向一侧, 近端部具一膜质区域, 端部狭尖; 锉叶端部 1/3 具刺; 环状骨片明显, 中骨叶发达; 最左端膜叶近于三角形, 表面密布微刺; 导精管膨大, 近长筒形。

雌性生殖器 (图 5~6): 骨化环见图 5。交配囊后壁的侧叶极宽; 中突梨形, 部分被侧叶遮盖。

量度: 体长 5.7~7.0, 宽 2.1~2.6; 头长 0.25, 宽 1.05; 触角各节长度依次为 0.46 : 2.04 : 0.95 : 0.82; 前胸背板长 0.88, 宽 1.94; 革片长 2.60~2.84; 爪片接合缝长 1.10; 楔片长 1.22。

正模♂, 甘肃榆中兴隆山, 海拔 2 200~2 300 m, 1993. VII. 31, 吕楠采。副模: 2♂♂ 10♀♀, 同正模; 1♀, 同正模, 1993. VII. 29; 2♂♂, 同正模, 1993. VII. 30, 吕楠、卜文俊采; 7♀♀, 同正模, 1993. VIII. 1; 4♂♂ 10♀♀, 甘肃榆中麻家寺, 海拔 2 200 m, 1993. VIII. 4, 吕楠、卜文俊采; 1♂, 同正模, 1992. VIII. 7, 兴隆山自然保护区管理局采; 1♀, 同正模, 1992. VII. 29, 兴隆山自然保护区管理局采。

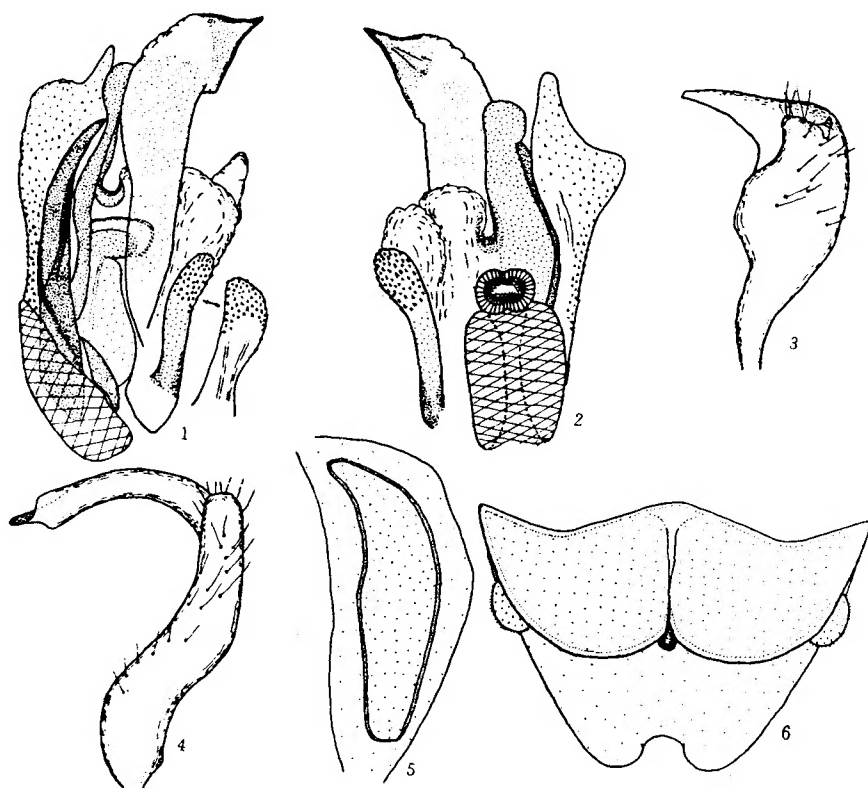


图 1~6 宽顶新丽盲蝽 *Lygocoris (Neolygus) lativerticis* Lu, sp. nov.

1. 阳茎端腹面观; 2. 阳茎端背面观; 3. 右抱器; 4. 左抱器; 5. 雌性骨化环; 6. 雌性交配囊后壁

本种在个体大小、颜色、革片上的斑等方面均与 *Lygocoris (Neolygus) honshuensis* (Linnavuori, 1961) 相似, 但可根据较宽的头顶、均一绿色的爪片、较窄的楔片、不同的右抱器形状以及不同的阳茎端构造与后者相区别。

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A NEW SPECIES OF THE GENUS *LYGOCORIS* REUTER FROM GANSU, CHINA (HETEROPTERA: MIRIDAE)

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Abstract In the present paper, a new species of genus *Lygocoris* Reuter from Gansu Province is described. Type specimens are all deposited in the Department of Biology, Nankai University.

Lygocoris (*Neolygus*) *lativerticis* Lu, sp. nov. (figs. 1~6)

Measurements (in mm): Body length 5.7~7.0, maximal width 2.1~2.6. Head length 0.25, width 1.05; antennal segments lengths: 0.46 : 2.04 : 0.95 : 0.82. Pronotum length 0.88, basal width 1.94; corium length 2.60~2.84; cuneus length 1.22; commissure length 1.10.

Body oblong-oval, green to yellowish green, with a small dark spot at apical inner corner of corium; dorsal surface with dense pubescence, subshining.

Head vertical; vertex relatively wide, 0.34 times as wide as head in male, 0.38 times in female; apical 1/4~1/3 of tylus dark brown. Antennae dark brown, segment I and basal 3/5~5/6 of segment II yellowish brown. Rostrum yellowish brown except for apical 1/3~1/2 of segment IV dark brown, reaching or extending beyond hind coxa.

Pronotum green, collar, calli and sometimes area anterior to calli yellowish. Scutellum green, rugose.

Male genitalia (figs. 1~4): Sensory lobe of right paramere with a tumid protuberance, hypophysis narrowly triangular. Vesical spicule relatively short, bending slightly at apical 1/3; lobal sclerite long, with a narrow and pointed apex, with a membranous region subapically.

Female genitalia (figs. 5~6): Sclerotized rings as in fig. 5. Lateral lobes of posterior wall of bursa copulatrix very broad; median process water drop-shaped, partly overlapped by lateral lobes.

Holotype: ♂, Gansu Province [Yuzhong County: Mt. Xinglong (N 35.8, E 104.2), 2 200~2 300 m alt.], July. 31, 1993, N. Lu leg.. Paratypes: 2 ♂♂ 10 ♀♀, same data as holotype; 1 ♀, same data, July. 29, 1993; 2 ♂♂, same locality, July. 30, 1993, N. Lu & W. -j. Bu leg.; 7 ♀♀, same data, July. 30, 1993; 1 ♂, same da-

ta, Aug. 1, 1993; 1 ♂, same locality, Aug. 7, 1992; 1 ♀, same locality, July. 29, 1992; 4 ♂♂ 10 ♀♀, Gansu Province (Yuzhong County, Majiasi (N 35.9, E 104.2), 2 200 m alt.), Aug. 4, 1993, N. Lu & W. -j. Bu leg. .

Remarks: This species is allied to *Lygocoris* (*Neolygus*) *honshuensis* (Linnavuori, 1961), but differs from the latter in wider vertex, green clavus, narrower cuneus, different right paramere and different vesical structure.